

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on Page 4, starting at line 8 which starts with "Fig. 1 is a schematic" with the following amended paragraph:

Fig. 1 is a schematic illustration of an exemplary adapter for practicing one embodiment of the present invention;

Fig. 2 is a schematic illustration of an exemplary adapter for practicing another embodiment of the present invention;

Fig. 3 is a schematic illustration of an exemplary adapter of the present invention; ~~and~~

Fig. 4 is a schematic illustration of an exemplary user interface of adapter of the present invention-; and

Fig. 5 is a flowchart illustrating an exemplary method of the present invention.

Please replace the paragraph on Page 4, starting at line 23 which starts with "One embodiment of the" with the following amended paragraph:

One embodiment of the present invention is depicted in Fig. 1. Fig. 1 illustrates an exemplary system 10 for conducting facsimile operations on a printer 40. The system 10 comprises an adapter 20 for connecting a printer 40 to a cellular radio system, wherein the adapter 20 enables the printer 40 to conduct facsimile operations. The adapter 20 comprises: a facsimile module 25, wherein the facsimile module 25 includes executable instructions for decoding fax data and processing the fax data to generate print data for printing; a cell radio 30; one or more communication ports 60, wherein at least one of the communication ports 60 is in communication with the printer 40 through communication link 45; and a data encoder 35 in communication with the facsimile module 25 and the cell radio 30, wherein the data encoder 35 is configured to convert data transmitted between the facsimile module 25 and the cell radio 30.

Please replace the paragraph on Page 5, starting at line 15 which starts with "In another embodiment" with the following amended paragraph:

In another embodiment, a scanner 55 may be attached to one of the communication ports 60 of the adapter 20 to provide facsimile sending capabilities to a scanner 55. The peripheral controller 50 may include executable instructions for controlling the scanner 55 and to enable a facsimile to be sent utilizing the adapter 20. For example, a document may be placed on the platen of the scanner which is connected to a communication port of the adapter. Exemplary communication ports and communication links include an universal serial bus (USB) cable connection, an IEEE1394 "fire wire" connection or any other connection means known to one skilled in the art (such as IR, RF, ~~Bluetooth~~ BLUETOOTH, ~~Laser-Link~~ LASER LINK, etc.) In one exemplary embodiment, a user can send a fax from a scanner using the scanner user interface. The scanner 55 performs a scanning operation and transmits the scanned data through the communication port 60 to the facsimile module 25. The facsimile module 25 converts the scanned image data into the appropriate format for sending a facsimile and adds appropriate facsimile header information. This data is then transmitted to the data encoder 35, wherein the data is encoded to be sent over a cellular network and then the data is transferred to the cell radio 30 to be sent over the cellular network system. As one skilled in the art will appreciate, by connecting a scanner 55 and a printer 40 through communication link 45 to the adapter 20 through the communication ports 60, the exemplary adapter 20 provides the functionality of a conventional fax machine but also allows the transmission and receipt of facsimile documents over a cellular radio network. In another embodiment, as depicted in Fig. 4, the adapter 20 comprises a user interface 100 to interact with the user for facsimile operations. The user interface includes a visual display 110 and a plurality of input keys 120. Exemplary input keys 120 may comprise a keyboard, number pad, and/or directional keypads.

Please replace the paragraph on Page 6, starting at line 7 which starts with "Another exemplary embodiment of" with the following amended paragraph:

Another exemplary embodiment of the present invention is illustrated in Fig. 2. In this embodiment, the adapter 20 is configured to connect an all-in-one device, (or multi-functional device (MFD)) to a cellular radio system, wherein the adapter enables the all-in-one device to conduct facsimile operations. The adapter comprises: a facsimile module 25, wherein a facsimile module includes executable instructions for encoding data received from the all-in-one device 65 and decoding fax data and processing the fax data to generate print data for printing; a cell radio 30; one or more communication ports 60, wherein at least one of the communication ports 60 is in communication with the all-in-one device 65 through communication link 45; and a data encoder 35 in communication with the facsimile module 25 and the cell radio 30, wherein the data encoder 35 is configured to convert data transmitted between the facsimile module 25 and the cell radio 30. In one embodiment, the adapter 20 further comprises a peripheral controller 50, wherein the peripheral controller 50 includes executable instructions to control an all-in-one device 65 that does not comprise stand-alone capabilities.

Please replace the paragraph on Page 9, starting at line 2 which starts with "In another embodiment of the" with the following amended paragraph:

In another embodiment of the present invention, the adapter further comprises local networking of the all-in-one device or printer. If a network connection is provided on the adapter (such as RJ-45 connector) and associated circuitry 75 for an Ethernet network or other network connections for other topologies (802.11 wireless, ~~BlueTeeth~~ BLUETOOTH, etc.), then the all-in-one device can be connected to the network 90, and the device can be shared on the network. In one exemplary embodiment, the adapter includes a HPNA (home

phone network alliance) connection on a RJ-11 jack to allow networking over a home phone line in a building.

Please replace the paragraph on Page 9, starting at line 72 which starts with "The wireless adapter of" with the following amended paragraph:

The wireless adapter of the present invention may be in communication with the printer or all-in-one device through any communication technology known to one skilled in the art. Exemplary technologies include USB/USB 2.0, ~~Compact Flash~~ COMPACT FLASH connection, ~~Smart Media~~ SMART MEDIA connection, Secure Digital connection, PC card connection, PCI connector, IEEE1394 connector, WIFI (IEEE 802.11), and Ethernet connections. In a further embodiment, the adapter may be inserted into a port, socket or drive on the printer or all-in-one device.

Please insert the following paragraph above the paragraph beginning on page 10, line 3:

Another embodiment of the present invention is illustrated in Fig. 5. Fig. 5 illustrates a method for receiving, through a cellular network system, a facsimile on a printer in which the printer lacks facsimile receiving functionality. Referring to the drawings, step 200 describes receiving a facsimile data signal in a first format from a cellular network system. In step 201, the received facsimile data is decoded into a second format. Steps 202 and 203 describe generating print data corresponding to the received facsimile data in the second format, and transmitting the print data to a printer to record an image corresponding to the print data, respectively.